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# ERWINBUS for ASG-Rochade®

**Version 8.40**

## **Data Sheet**

(effective March 2012)

**ERWINBUS** is the Bus Interface for ASG-Rochade and **CA ERwin Data Modeler**. ERWINBUS enables the upload and download of Logical and Physical Data Models between CA ERwin and ASG-Rochade.

ERWINBUS for Rochade facilitates the Upload of ERwin Logical Models (Entity Relationship Models) and Physical Models (Tables, Columns, Index, etc.) from CA ERwin Data Modeler to Rochade, and the Download of ERwin Models from Rochade to CA ERwin Data Modeler.

ERWINBUS supports ERwin .ERX, .xml, .ER1 and .erwin files, and CA ERwin Model Manager.

ERWINBUS uses the **TOOLBUS** technology, which was developed by Reischmann Informatik GmbH for the exchange of meta data between the ASG-Rochade repository and modeling tools.

### **System Requirements:**

ERWINBUS requires a Rochade Client 7.0 (or higher) for Microsoft Windows 2000/XP/Vista/7, and the corresponding Rochade API.

ERWINBUS supports CA ERwin Data Modeler versions 3.5 to 8.1, and CA ERwin Model Manager 7.2 to 8.1.

## **Repository Information Model:**

The Repository Information Model (RIM) for ERwin consists of the CDM-RIM, which stores the Logical Model, and of the ERWBUS-RIM or RDM-RIM, which stores the Physical Model. The RDM-RIM stores the Physical Model for ERwin XML files and ERwin version 7.0 or higher. The item types of the ERWBUS-RIM or RDM-RIM (Tables, Columns, etc.) are linked to the item types of the CDM-RIM (Entities, Attributes, etc.).

Remark: ERWINBUS also enables the integration and the exchange of Entity-Relationship Data Models from ERwin with Entity-Relationship Data Models which were described in CASE tools from other vendors. This is accomplished by the **CDM-RIM** of Rochade (Repository Information Model for Conceptual Data Models), which is used for the mapping of Entity-Relationship models from ERwin. Entity-Relationship Data Models which were described in other CASE tools can be migrated to ERwin via the Rochade Repository, and vice versa. Rochade is the central database ("Meta Data Warehouse") which gathers all the Data Models of the enterprise.

## **ERWINBUS Item Types**

The CDM-RIM and/or the ERWBUS-RIM or RDM-RIM is used for the mapping of ERwin objects to Rochade:

### **CDM-RIM:**

- CDM/ATTRIBUTE
- CDM/ATTRIBUTE-VALUE
- CDM/DATA-TYPE
- CDM/DATATYPE-VALUE
- CDM/DIMENSION
- CDM/ENTITY
- CDM/IDENTIFIER
- CDM/MODEL
- CDM/RELATIONSHIP
- CDM/SUBJECT-AREA
- CDM/SUBTYPE-SET
- CDM/VALID-VALUE
- CDM/VALIDATION-RULE

## **ERWBUS-RIM:**

ERW/AS400-COLLECTION  
ERW/COLUMN  
ERW/DB2-DATABASE  
ERW/DB2-TABLESPACE  
ERW/DB2-STORAGE-GROUP  
ERW/DB2-UDB-BUFFERPOOL  
ERW/DB2-UDB-NODEGROUP  
ERW/DB2-UDB-TABLESPACE  
ERW/DEFAULT  
ERW/FOREIGN-KEY  
ERW/FOREIGN-KEY-ATTRIBUTE  
ERW/INDEX  
ERW/INFORMIX-DBSPACE  
ERW/INGRES-LOCATION  
ERW/MODEL  
ERW/ORACLE-DATABASE  
ERW/ORACLE-PARTITION  
ERW/ORACLE-ROLLBACK-SEGMENT  
ERW/ORACLE-SEQUENCE  
ERW/ORACLE-TABLESPACE  
ERW/PHYSICAL-MODEL  
ERW/PHYSICAL-OBJECT  
ERW/PHYSICAL-SUBJECT-AREA  
ERW/REDBRICK-SEGMENT  
ERW/SQLSERVER-FILEGROUP  
ERW/STORED-PROCEDURE  
ERW/SYBASE-SEGMENT  
ERW/SYNONYM  
ERW/TABLE-OR-VIEW  
ERW/TERADATA-DATABASE  
ERW/TRIGGER  
ERW/WATCOM-DBSPACE

## **RDM-RIM:**

RDM/CHECK\_CONSTRAINT  
RDM/COLUMN  
RDM/DB2-DATABASE  
RDM/DB2-STORAGEGROUP  
RDM/DB2-TABLESPACE  
RDM/DB2-TABLESPACE\_PARTITION  
RDM/DIAGRAM  
RDM/DISTINCT\_TYPE  
RDM/DM-COLUMN  
RDM/DM-SOURCE  
RDM/DM-TABLE  
RDM/FOREIGN\_KEY\_COLUMN  
RDM/INDEX  
RDM/INDEX\_PARTITION  
RDM/MODEL  
RDM/ORACLE-CONSTRAINT\_STATE  
RDM/ORACLE-DATABASE  
RDM/ORACLE-DATABASE\_LINK  
RDM/ORACLE-LOGFILE\_GROUP  
RDM/ORACLE-PHYSICAL\_FILE  
RDM/ORACLE-TABLESPACE  
RDM/REFERENTIAL\_CONSTRAINT  
RDM/SEQUENCE  
RDM/SQLSERVER-FILEGROUP  
RDM/SYBASE-SEGMENT  
RDM/SYNONYM  
RDM/TABLE  
RDM/TERADATA-DATABASE  
RDM/TRIGGER  
RDM/UDB-BUFFERPOOL  
RDM/UDB-NODEGROUP  
RDM/UDB-TABLESPACE  
RDM/VIEW